

INRUSH CURRENT CONTROLLER

ABSTRACT OF THE DISCLOSURE

5 An inrush current controller for a device has a connector for hot-plugging
the device into a source of energization. An impedance has a current input
coupled to a first contact of the connector and a current output coupled to the
device. The impedance has an impedance control input. An impedance control
circuit has a logic input coupling to a second contact of the connector. The
10 impedance control circuit has an impedance control output connected to the
impedance control input. The impedance control output forces the impedance
OFF during a first time interval after hot-plugging. The logic input triggers a
limited inrush at the current input after the first time interval.

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